



Volume 25, Number 18

December 4, 1973

DALE ANDREWS APPOINTED TO NEW VICE PRESIDENT'S POST

Appointment of Dale W. Andrews as executive vice president of Cal Poly was announced last week by President Robert E. Kennedy. The appointment of Dr. Andrews, who has served as academic vice president of Cal Poly since 1967, is a lateral transfer to fill the vacancy created Nov. 1, when Harold O. Wilson left the position of administrative vice president in order to become educational advisor to Governor Ronald Reagan, following 33 years of service to Cal Poly. The appointment was effective Dec. 1, 1973.

In succeeding Wilson, but assuming a new title, Dr. Andrews will be responsible for areas of executive administration similar to those administered by Wilson, but subject to a reorganization of university administration which is now in progress. President Kennedy said an ad hoc committee representing various groups of the university has been appointed to review proposed organizational structure changes.

"As executive vice president, Dr. Andrews will be responsible for coordination and direction of university operations and those of auxiliary enterprises both on and off campus except for academic affairs under the direction of the Vice President for academic affairs and those student affairs under the direction of the dean of students," Dr. Kennedy added. Functions administered by the executive vice president include business affairs, personnel relations, facilities planning, international programs, public affairs, Foundation operations, and other auxiliary services such as housing, feeding, and bookstore.

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FISHER AND WHITSON GET NEW ADMINISTRATIVE ASSIGNMENTS

Clyde P. Fisher (Dean of Science and Mathematics) has been promoted to the position of academic vice president (acting) effective Dec. 1, and Milo Whitson, professor in the Mathematics Department and former long-time head of that department, will assume the position of acting dean, School of Science and Mathematics at the beginning of the Winter Quarter, Jan. 1, 1974.

The announcements of the promotions came from President Robert E. Kennedy following a series of meetings during the past several weeks with the Academic Senate, Consultative Committee on the Selection of Vice President for Academic Affairs, Organizational Study Committee, and the department heads of the School of Science and Mathematics.

Prior to these meetings the president had met with the deans of the other six academic schools and other administrative personnel to discuss organizational plans and potential personnel reassignments. The Academic Senate had recommended to the president an appointment of an acting vice president for academic affairs as soon as necessary to

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FISHER AND WHITSON ASSIGNMENTS . . . (Continued from Page 1)

provide the Consultative Committee the remainder of this academic year to recruit and recommend to the president qualified candidates for the academic vice presidency.

The vacancy in the academic vice president position was created when President Kennedy made a lateral transfer of Dale W. Andrews, formerly academic vice president to the position of executive vice president. The executive vice presidency was approved by the Chancellor's Office as an expansion of the responsibilities formerly assigned to the administrative vice president position.

The latter position had been held by Harold O. Wilson from 1968 until Nov. 1, 1973, at which time Wilson accepted appointment as educational advisor to Governor Ronald Reagan and moved to the State Capitol.

In accordance with recommendations to the president from the recently appointed Organizational Study Committee, the president has assigned the following functions to be under the supervision of the academic vice president: the seven instructional schools, the library, audio-visual services, academic planning, continuing education, curriculum and instruction, educational services, and graduate studies.

Under the supervision of the executive vice president will be: business affairs, facilities planning, institutional studies, computer center, research development, personnel relations, public affairs, international education, and a technical reporting relationship with the executive director, Foundation.

No change from current supervisory relationships in the student affairs area is involved in the reorganization plan. Dean of Students Everett M. Chandler will continue to report directly to the president. Since May 1, 1967, President Kennedy has had 13 administrators at vice president or dean level reporting directly to him. As of Dec. 1, 1973, that span of control is reduced to three: executive vice president, academic vice president, and Dean of Students.

DALE ANDREWS APPOINTED . . . (Continued from Page 2)

Dr. Andrews, 54, has served Cal Poly in various capacities since 1950. A native of San Bernardino, he attended the University of California at Davis, receiving the Bachelor of Science Degree in 1941. Following wartime service with the United States Marine Corps and attaining the rank of major, he attended Cal Poly and received a Master of Arts Degree in 1952. In 1957, he received the Doctor of Philosophy Degree from the University of Minnesota.

Prior to joining the Cal Poly faculty, Vice President Andrews was director of agriculture and supervising teacher for Merced Union High School and for Arroyo Grande Union High School. At Cal Poly he was successively an agriculture teacher trainer, instructional materials coordinator and special education services coordinator before becoming dean of the college from 1961-66. During 1966-67 he was vice president and chief administrative officer for Cal Poly.

Dr. Andrews has been active as liaison officer for the regional council of accreditation, the Western Association of Schools and Colleges, and served for three years as president and chairman of the board of education of Monterey Diocese Schools. He is also a member of the board of directors of the Associated Western Universities, Inc. and has been a Danforth associate from 1960 to the present, having received a Danforth teacher grant during 1955-56.

GIBSON SELECTED FOR STATE AGRICULTURE BOARD

J. Cordner Gibson (Dean of Agriculture and Natural Resources) has been named to the 13-member California State Board of Agriculture by Governor Ronald Reagan. Gibson will complete the unexpired term of Harold O. Wilson, former administrative vice president at Cal Poly who joined the governor's staff as education advisor on Nov. 1. The term ends Jan. 15, 1975.

Gibson, now in his 23rd year as a member of the Cal Poly faculty and administration, heads the largest undergraduate program of agricultural students in any college or university in the Western United States and the fifth largest in the nation. The new Board of Agriculture member began his career in agricultural education at Downey where he was director of agriculture at the Downey Union High School. He also served as director of agriculture at Whittier Union High School.

Gibson then served as a regional supervisor of vocational agricultural education for the bureau of agricultural education of the state Department of Education, before joining the Cal Poly faculty as a teacher trainer. He has served as dean, in charge of the Voorhis-Kellogg campuses of Cal Poly (now California State Polytechnic University, Pomona) and as assistant dean of the School of Agriculture and Natural Resources at the San Luis Obispo campus. He was named dean on July 1, 1968.

Dean Gibson serves on the liaison committee for higher education in agriculture and has served on the agribusiness committee of the San Luis Obispo Chamber of Commerce. He is listed in the Who's Who in American College and University Administration and is a director of the recently-formed American Association of University Agricultural Administrators.

BACHELOR BUTTON PICKERS SOUGHT FOR ROSE FLOAT

Faculty, staff and students who will be available Wednesday, Dec. 26, for the Rose Float are invited to sign-up for a bachelor-button picking party at the Cal Poly Crops Unit Field. Les Holbrook, flower growing chairman for the Cal Poly float to be entered in the annual Tournament of Roses Parade on New Year's Day, said he will need at least 50 flower pickers on the day after Christmas to harvest an acre of bachelor buttons which will be used on the "Happiness is . . . Finding a Friend" float.

Some will be traded for other flowers to decorate the 50-foot animated float being constructed by students at both Cal Poly, Pomona, and Cal Poly, San Luis Obispo. The float is the only one in the parade entirely designed and constructed by students.

The 15,000 plants which will yield an estimated 100,000 flowers, will be picked by volunteers from 9 a.m. until harvested (about 1 p.m.), processed, placed in protective cans, and loaded on a refrigerated truck for the trip to the Rose Palace construction area in Pasadena. To sign up volunteers should leave names and phone numbers at the activities planning center in the University Union.

Holbrook, a 23-year old ornamental horticulture student from San Mateo, said refreshments will be provided for the volunteers, who will have a chance to see the results of their handiwork on TV on New Year's Day when the Cal Poly float represents the work of Cal Poly students for the 26th consecutive year.

NEW EXCHANGE PROGRAM FOR CSUC FACULTY

Cal Poly faculty members are eligible for a faculty exchange program with the Republic of China (Taiwan), which has been announced by the California State University and Colleges. The 19-campus system will be able to exchange up to five professors a year with the two universities in Taiwan, according to an announcement by Alex C. Sherriffs, vice chancellor for academic affairs.

National Chengchi University, located in the Mushan suburb of Taipei, is prepared to exchange one or two professors a year in the following disciplines: American studies, business administration, economics, public administration, sociology and statistics. National Chungshing University, located in mid-island at Taichung, will exchange two or three professors per year in the following disciplines: biochemistry, crop breeding, environmental engineering, food science, industrial management, marketing, Western history, and Western humanities.

The CSUC faculty members exchanged will hold the rank of professor, associate professor, or assistant professor. A knowledge of Chinese is not required but would be desirable. Each CSUC professor selected will draw his usual salary from his own institution and will pay his own traveling and living expenses.

The first annual exchange, which is scheduled for 1974-75, applications with the name and curriculum vitae should be submitted to the Office of the Vice President for Academic Affairs. The deadline for applications at the local level is Friday, Jan. 25, 1974. Institutions which must provide for acceptance of a Chinese professor in given disciplines will forward the institutional recommendation to meet a Feb. 1, 1974, deadline at the Chancellor's Office.

CANDIDATES FOR FACULTY POSITIONS BEING SOUGHT

Candidates for positions on the faculty of the university are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. Cal Poly is an Affirmative Action Employer. Following is a description of the available positions:

Lecturer, Range D (\$945-\$1149/mo.), Chemistry Department, School of Science and Mathematics. Duties and responsibilities include courses in general chemistry and biochemistry. Candidates must possess a doctorate in chemistry or biochemistry with a bio-physical chemistry specialty preferred. Minorities and women are encouraged to apply. Position available: winter and spring quarters 1974 only.

Assistant Professor (\$945-\$1149/mo.), Speech Department, School of Communicative Arts and Humanities. Duties and responsibilities include directing and teaching small active undergraduate theater program, directing major productions, developing children's theater program, teaching theater history and literature and an occasional speech class. Candidates must possess a doctorate. Minorities and women are encouraged to apply. Position available: September 1974.

Assistant Instructor (\$188-\$207/mo.), Chemistry Department, School of Science and Mathematics. Duties and responsibilities include teaching laboratory in one of the following: inorganic chemistry, general chemistry, or organic chemistry. Candidates must possess a degree in chemistry; concurrent enrollment in the Department's graduate program required. Minorities and women are encouraged to apply. Part-time position teaching one lab course available: winter quarter only.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Friday, Dec. 7, in the Office of Information Services, Adm-210. Copy for Cal Poly Dateline, which replaces the "Coming Events" section of Cal Poly Report and is published separately on Thursdays, is due in the Office of Information Services by 12 noon on the Tuesday before publication.

STEPS IN ENERGY CONSERVATION PLAN LISTED

The lights are being turned down or out and heating held to 68 degrees throughout the campus of Cal Poly in order to conserve energy. President Robert E. Kennedy said the energy conservation steps are being taken immediately, consistent with safety requirements and the need to meet utilization standards for campus facilities.

Reduced lighting is the first step in the university's energy conservation program. Hall lighting in campus buildings, starting with the Administration Building, was reduced by removing two-thirds of the fluorescent tubes. Elsewhere on campus, all decorative lighting has been turned off or removed and exterior building lighting removed where safety or security is not affected.

Residence hall students have been requested to forego their annual pre-Christmas room lighting displays, which in previous years gave a holiday glow to dormitories during finals week. Evening lighting of one major parking lot was eliminated. A time clock on other parking areas will override photo electric cells and reduce lighting periods.

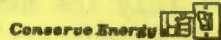
Dr. Kennedy said a campus campaign is underway to encourage students and university personnel to turn off lights when areas are unoccupied. Formerly lights were sometimes left burning to reduce wear on fluorescent starters and to reduce maintenance costs.

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ENERGY CONSERVATION NOTES

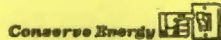
Use of state vehicles will be curtailed and speed limits reduced as a result of Executive Order R45-73 signed by Ed Reinecke as acting governor on Nov. 26. The order reduces the maximum speed of state vehicles to 50 miles per hour, except for law enforcement vehicles and those being operated in an emergency situation.

It is expected to reduce state consumption of gasoline by 10 per cent. Affected are a total of 16,000 units which last year travelled a total of 398,457,000 miles. Compliance with the order was announced by James R. Landreth (Director of Business Affairs).



Parking lot lighting will be reduced during the period of the Christmas academic holiday, according to an announcement by James R. Landreth (Director of Business Affairs).

During the holiday period from Dec. 14 to Jan. 2 the lights will be off in parking lots S-4, S-6, and S-10. Resident students who plan to leave vehicles on campus during the period are requested to leave vehicles in lot S-11, east of the Security Office, where lights will be on.



Cutbacks in fuel and electrical power consumption by campuses of The California State University and Colleges have been reported to members of the system's Board of Trustees. Among the 19 campuses, conservation measures include lowered thermostats, reduced exterior and corridor lighting, curtailed watering and transference of custodial shifts to daylight hours.

Typical reductions include instructions for turning off classroom lighting when rooms are not occupied and a 50 per cent reduction in street and pathway lighting after midnight. Air conditioning chillers, in typical instances, are operating for shortened periods, and ventilating equipment is shut down at nights, holidays, and weekends.

ENERGY CONSERVATION PLAN . . . (Continued from Page 5)

In addition to the lighting curtailment, Cal Poly is altering heating and air conditioning. Air conditioning has been turned off in six residence halls which were so equipped, changes made in the cooling water temperature in other air conditioned buildings, and heating and ventilation fans controlled to turn off when buildings are not in use.

James R. Landreth (Director of Business Affairs) has been designated to head an Ad Hoc Energy Conservation Committee which will recommend energy conservation methods and evaluate suggestions invited from students, faculty, and staff.

Dr. Kennedy said he believes a reduction in university energy uses will be accomplished by the initial steps. He said Cal Poly has been requested by Pacific Gas and Electric Company to reduce power consumption by ten per cent. The steps already taken by the university are part of this program, with other energy conservation suggestions to be implemented in the near future.

DEAN GERARD NAMED TO WORK WITH ROSE FLOAT COMMITTEE

Executive Dean E. Douglas Gerard has been named to represent President Robert E. Kennedy on the Rose Float Committee of the Associated Students, Inc. Dean Gerard succeeds Harold O. Wilson, who left his former duties as Cal Poly's administrative vice president to become educational advisor to Governor Ronald Reagan on Nov. 1.

Dean Gerard joined Cal Poly as a member of the Agricultural Engineering Department faculty in 1951 after having been a member of the faculty at both University of British Columbia and University of Saskatchewan. After serving on the faculty until 1961, he became facilities planner and then was appointed executive dean in 1970.

CAMPUS CONCERT WILL FEATURE KWESKIN

Singer-guitarist Jim Kweskin will make Cal Poly the next stop on a comeback trail that began in 1971. Kweskin will perform in an "Un-Concert" on Saturday, Dec. 8 at 8 p.m. at Cal Poly in Chumash Auditorium of the Julian A. McPhee University Union. "Un-Concerts" are small-scale concerts that retain the coffee house atmosphere. They are sponsored by the Special Events Committee of the university's Associated Students, Inc. General admission tickets for Kweskin's performance are \$1 for Cal Poly students and \$2 for all others. The public is invited.

ENROLLMENT AID AVAILABLE TO FACULTY, STAFF EMPLOYEES

Faculty and staff members are reminded that if they wish to enroll for classes during the Winter Quarter, the Registrar's Office will assist with their registration. Those who will be enrolling should complete their registration books and leave them at the Registrar's Office, Adm-219, by Dec. 13. Any student (or employee) who was not enrolled during the Summer or Fall Quarters must clear through the Admissions Office before they can enroll for Winter Quarter.

STUDENT EXCHANGE WITH CHINA ANNOUNCED FOR C S U C

Cal Poly students are eligible for a one-to-one exchange program with the Republic of China (Taiwan), according to an announcement by The California State University and Colleges. Robert E. McCorkle (Director, International Education) said the chief hurdle to student participation is the requirement that the Cal Poly student applicants be able to speak and write Mandarin Chinese. He said up to ten students from throughout the 19-campus system may be exchanged each year.

In Taiwan the students will attend either National Chengchi University located in the Taipei suburb of Mushan or the National Chunghsing University, located at Taichung in the middle of Taiwan Island. The latter is a counterpart of a polytechnic campus in the United States. Exchange students from the Chinese universities will all speak English and have completed undergraduate studies; California students may be of either undergraduate or graduate standing.

The exchange program is separate from the existing International Program in Taipei, which does not have the requirement of prior fluency in Chinese. McCorkle said students who believe they qualify for the program should visit the Office of International Education, Tenaya 138. He said the deadline for campus applications will be Feb. 15, 1974.

RULES AGAINST "PERENNIAL STUDENTS" TAKE EFFECT

Distribution of Executive Order No. 186 to students will take place during Winter Quarter Registration, according to Everett Chandler (Dean of Students). Dr. Chandler said the order provides for administrative-academic probation and disqualification as well as for academic probation and disqualification.

The order was issued after the Board of The California State University and Colleges voted unanimously in September to allow administrators to place on probation any student who fails to make adequate progress toward a degree.

Administrative-academic probation may be exercised when a student withdraws from all or a substantial portion of a program of studies for two successive terms or in any three terms, for repeated failure to progress toward a stated degree objective, or failure to meet other academic requirements or regulations.

Dr. Chandler said distribution of the order to incoming students will be incorporated with other notification made during the registration process.

"SEX, SIN, AND SANITY" WILL BE LECTURE TOPIC

Humor and psychology will be blended in a talk to be given by the widely-known lecturer Murray Banks at Cal Poly. "The Wonderful World of Sex, Sin, and Sanity" is the title of Dr. Banks' lecture, which will be given in Chumash Auditorium of the Julian A. McPhee University Union on Thursday (Dec. 6) at 8 p.m. The public is invited to hear Dr. Banks speak. General admission will be 75 cents for Cal Poly students and \$1.50 for all others. The event is sponsored by the Speakers Forum Committee of Cal Poly's Associated Students, Inc.

SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm-110, 546-2236. Contact the Personnel Office to obtain an application. Cal Poly is an Affirmative Action Employer. The positions are:

Clerical Assistant II-A (\$267.00-\$324.50), half-time temporary help position, General Office, Business Affairs Division. Duties and responsibilities include providing relief for the Switchboard/Information Desk. Assisting with various duties in the General Office such as sending out mailings, xeroxing materials, and some light typing. Requirements: High school graduate with one year of office experience, General Clerical Test, and type 45 wpm. Should have experience on a Centrex Switchboard.

Clerical Assistant III-B (\$665-\$789), School of Architecture and Environmental Design. Duties and responsibilities include performing various administrative duties in directing the functions of the steno pool to insure efficient clerical service for the entire School of Architecture and Environmental Design. Responsibilities include personnel duties, scheduling office assignments, composing and compiling reports, weekly bulletin, and information as requested. Requirements: High school graduate with two years of office experience, General Clerical Test, take dictation at 100 wpm, and type 45 wpm.

Clerical Assistant III-A (\$324.50-\$385.00), half-time position, Records Office, Student Affairs Division. Duties and responsibilities include working in Registrar's Office as Veterans Work-Study Liaison Clerk. Coordinating of Veteran's Work-Study Program involving 20 to 30 veterans. Maintaining the record accounts and preparing reports for the Veteran's Administration Regional Office. Requirements: High school graduate with two years of office experience, General Clerical Test. Veterans preferred.

Clerical Assistant II-A (\$534-\$649), Admissions and Records, Student Affairs Division. Duties and responsibilities include working in the University Admissions Office, processing applications for admission of students. Working in the University Records Office with student records, assisting with registration, and preparing of grades. Requirements: One year of office experience, high school graduate, General Clerical Test, and type 45 wpm.

Clerical Assistant II-B (\$575-\$682), Admissions and Records, Student Affairs Division. Duties and responsibilities include taking dictation and transcribing correspondence. Working in the University Admissions Office, processing applications for admission of students. Working in the University Records Office with student records, assisting with registration, and preparing of grades. Requirements: High school graduate with one year office experience, General Clerical Test, take dictation at 90 wpm, and type 45 wpm.

MALAYSIAN EDUCATORS SCHEDULE CAMPUS VISIT

Two Malaysian educators will observe student personnel practices at Cal Poly on Thursday through Saturday (Dec. 6-8). Ahmad Badri Mohammed Basir, the registrar, and Mrs. Azizah Binte Zahari, bursar (financial officer) for the National Institute of Technology, Malaysia, will study records keeping, evaluations, and scholarship disbursement as practiced at Cal Poly as part of a three week tour of educational institutions in the United States.

"HOLOCAUST" PHOTO INCLUDED IN DISPLAY

"Roseville Holocaust," a dramatic photograph taken by Sacramento Bee photographer Dick Schmidt of the munitions train explosion near Sacramento last summer, is but one of the top news photographs now on display in the Graphic Arts Building. The photographs will be on display during day-time hours through Thursday (Dec. 6). The photojournalism display is composed of the prize winning photographs taken this year by Associated Press photographers in California and Nevada. The exhibit of the 50 prints is being sponsored by the Journalism Department.

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STUDENTS PLAN CHRISTMAS FOOD DRIVE

Four hundred Cal Poly students who are members of fraternities are joining with Alpha Upsilon in a food drive for the needy for Christmas. The product of their solicitation of San Luis Obispo homes on Saturday (Dec. 8) will be distributed by the Salvation Army prior to Christmas.

Jim Larson, chairman for the effort, says students have been assigned specific areas of the city to solicit. Thus no home will be solicited by more than once. All of the students participating will wear tags identifying them as soliciting on behalf of the Salvation Army. The student volunteers expect to complete their drive for canned foods and staples, such as beans, flour, and rice by 1 p.m. on Saturday, (Nov 8). Additional information can be obtained by telephoning Larson (543-9818).

BALLOTS FOR P E R S ELECTION BEING DISTRIBUTED

The Public Employees Retirement System has announced an election to select a PERS Board of Directors member to represent state and public agencies members for a four-year term. Ballots for this election were received Friday (Nov. 30) and are being distributed to employees of the university who appear as members on the agency's payroll record for the month of October, 1973.

Employees who have payroll deductions taken for PERS retirement are members and are eligible to vote. The Personnel Office is now making distribution of the ballots. Any member who fails to receive a ballot by Friday (Dec. 7) should notify Mrs. Mary Smith in the Personnel Office (546-2236) and a ballot will be supplied.

Upon completing the ballot and sealing the postage paid addressed envelope, the member is required to sign the certification statement on the backside of the envelope before mailing it. Ballots must be mailed in time to be received in PERS headquarters in Sacramento no later than 5 p.m. on Dec. 21, 1973 in order to be counted.

SALE OF SURPLUS ITEMS SCHEDULED TOMORROW

A sale of surplus items will be held on campus at the Receiving Warehouse tomorrow (Wednesday, Dec. 5), according to an announcement from the Business Affairs Division. Included will be such things as chairs, desks, sewing machines, stoves, refrigerators, and office machines. Sale will be by bid only and names of the successful bidders will be posted in the Receiving Warehouse on Friday (Dec. 7). Bernard Fitzgerald, 546-2872, can answer questions regarding the sale.

CHRISTMAS FLOWERS AVAILABLE NOW

Howard Brown (Head, Ornamental Horticulture Department) says student grown poinsettias for Christmas gifts will be available to faculty, staff and students at the retail sales laboratory at the Ornamental Horticulture Unit on Campus Way from now until Christmas. Single plants in 4-inch pots are available at \$2, three plants in a 6-inch pot, \$6. Students also are offering wreaths and door swags. Delivery to offices on campus may be obtained by telephoning the sales laboratory, 546-4628.

LUNCHEON WILL HONOR HERBERT MILES

Herbert L. Miles, who has been a member of Cal Poly's electrical engineering faculty since 1963, will be honored with a retirement luncheon on December 10, 1973, at Vista Grande. Any of his friends on campus who wish to join the luncheon are invited to attend "dutch treat." Those interested may call the Electronic and Electrical Engineering Department, 546-2781, to add their names to the list.

VACATION SCHEDULE FOR "CAL POLY REPORT" LISTED

The next issue of Cal Poly Report, which is scheduled for next Tuesday (Dec. 11), will be the last of the 1973 Fall Quarter. Publication will resume with the first issue of the Winter Quarter on Jan. 8. Copy for that issue is due in the Information Services Office, Adm-219, by 12 noon on Jan. 4. Copy for all issues of Cal Poly Report should be typewritten and include the name and telephone number of the originator.

"ONCE IN LIFETIME" IS EXHIBIT THEME

"Once in a Lifetime" is the theme of an exhibit of photographs by Ron Martinelli which are being displayed currently in the Mini-Gallery of the El Corral Bookstore on campus. The photographs, which will be on display through Dec. 14, were taken by Martinelli during a vacation in Alaska, Canada, and other North American states. Martinelli is a senior majoring in history and physical education.

GAMES AREA HAS GIFT SUGGESTIONS

Faculty, staff, and students looking for gift suggestions may want to look at the possibilities being suggested by the Games Area of the Julian A. McPhee University Union. Being offered are a bowling ball special at \$18.95, including fitting and drilling, and other bowling and billiards items. A 10 percent discount is available to faculty and staff on non-special items. Gino Legari (Games Area Manager) will be happy to answer telephone inquiries. His number is 546-4760.

CHRISTMAS TREES BEING SOLD BY BASEBALL TEAM

Cal Poly's varsity baseball team will be selling Christmas trees at the Laurel Lane Shopping Center on Laurel Lane in San Luis Obispo through Thursday, Dec. 21.

STUDENT ORIENTATION LEADERS WILL MEET ON CAMPUS

Orientation directors and their staffs from colleges and universities throughout California will be meeting at Cal Poly on Thursday and Friday (Dec. 6 and 7). Planned during the annual Statewide Orientation Directors Conference are workshops dealing with the subjects of parent programs, academic preparation, pure counseling for new students, and commuter orientation. Lyle Gohn chairman of the National Orientation Directors Association and an employee in the Division of Student Services at Wichita State University, will be the keynote speaker.

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December 4, 1973

National Science Foundation. Research Applied to National Needs, The Division of Environmental Systems and Resources. Major Program Areas are: Regional Environmental Systems, Environmental Aspects of Trace Contaminants, and Weather Modification. Objectives of the Regional Environmental Systems Program are:

- Define specific environmental problems, including those unique to a geographic region (coastal zones), those arising from resource development (land use), and problems relevant to inter-related ecosystems (urbanization);
- Inventory policy and management alternatives that can serve as mechanisms to implement possible solutions;
- Identify resources impacted and ecosystems affected by degrading change so as to predict consequences of alternative strategies to correct environmental problems;
- Evaluate alternatives in terms of retaining environmental quality, economic productivity, strong interregional relationships, and equitable distribution of costs and benefits.

Some of the objectives of the Environmental Aspects of Trace Contaminants Program are:

- Identify and quantify contaminants resulting from agricultural and mining operations, and the manufacture, use and disposal of products and by-products;
- Develop and improve techniques in analytical chemistry specifically applicable to the above objective;
- Describe through modeling and field validation, contaminant transport pathways accounting for change in the quantity, chemical structure, and toxicity of compounds caused by passage of time, differing physical conditions, and the degrading or modifying actions of bacteria and other biological influences.

Unsolicited proposals in the program areas may be submitted at any time throughout the year. Detailed information on the preparation, submission, and evaluation of unsolicited proposals in the NSF RANN program are contained in NSF 73-37, RANN Guidelines for Preparation of Unsolicited Proposals, which will be available about January 1974 from:

Forms and Publications Unit
Administrative Services Office
National Science Foundation
Washington, D.C. 20550

Until January 1974 consult NSF 71-21 for guideline information.



RESEARCH OFFICE

ADMINISTRATION 315

TELEPHONE 546-2982

CALIFORNIA POLYTECHNIC STATE UNIVERSITY • SAN LUIS OBISPO, CALIFORNIA 93407

The Hazen Foundation. The Foundation's concerns include the interests of students in primary and secondary education as well as universities and colleges. The objective is humanistic in orientation and is intended to focus on unmet needs of the student population and to concentrate on programs addressed to the identification and alleviation of those needs. Major attention is directed to experimental projects, research, and studies whose primary aim is to find ways of changing and modifying the system for the benefit of more individuals in a greater variety of ways. We have the Biennial Report which lists types of projects already funded. More information may be obtained from:

The Hazen Foundation
400 Prospect Street
New Haven, Connecticut 06511

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Grenville Clark Prize. The prize of \$15,000 will be awarded every third year for at least nine times and will be awarded to anyone anywhere and will be won by a scholarly work or activity which significantly furthers the ideals in which Grenville Clark believed. The Grenville Clark papers, now assembled at Dartmouth College, cover the broad areas of Civil Liberties, Academic Freedom, Civil Rights, and World Peace. A brief biography of Clark is available in the Research Office. Additional information is available from:

Mr. Edward C. Lathem
Librarian of Dartmouth College
The Baker Memorial Library
Dartmouth College
Hanover, New Hampshire 03755

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R & D in the Field of Aging. Grants or contracts are available for projects in the field of aging. Types of supportable projects include: research - studies or investigations for the purpose of adding to the existing knowledge of some aspect(s) of aging, evaluating approaches, techniques, and methods designated to contribute to better living for older persons; development - creation of new approaches, techniques, or methods; demonstration - providing evidence, through the actual operation of a program, that it constitutes an improvement in solving a problem or meeting a need. Grants are usually for one year, but may be approved for up to three years in some cases. For additional information:

Research and Development Grants Office
Administration on Aging
Social and Rehabilitation Service
U.S. Department of Health, Education and Welfare
South Building
330 C Street SW
Washington, D. C. 20201